



## Payload 2 Daily Flight Report



**Date:** 2025-06-05

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Wichita Falls Municipal Airport (KSPS) - Wichita Falls, TX; Liberal Mid-America Regional Airport (KLBL) - Liberal, KS; Sidney Nebraska (KSNY) - Sidney, NE; Bismarck Municipal Airport (KBIS) - Bismarck, ND

**Aircraft:** N615AR

**Domain:** 09 (Northern Plains)

**Sites Flown:** Transit

**Days left in Domain:** 21

**Report Author:** John

**Lidar Operators:** John

**Flight Hours:** 01:50, 02:00, 02:43

**Spectrometer Operators:** n/a

**Hours until maintenance:** 79.10

**Pilots:** Vince, Jacob

### Summary

The crew transited today from D11 to D09 skirting the weather along the way. No issues with the transit.

### Concerns

None.

### Comments

Alyssa met the plane in Bismarck, and the FBO was very efficient at getting us ready for tomorrow's mission flight(s).

### Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 35 degrees: (\*)

D09 | NOGP (Northern Great Plains )

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26														

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

\* Flown within 35deg solar angle

## D09|WOOD\_DCFS (Woodworth and Dakota Coteau Field School )

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54						

Flown: 0% (0/54)

Green: 0% (0/54)

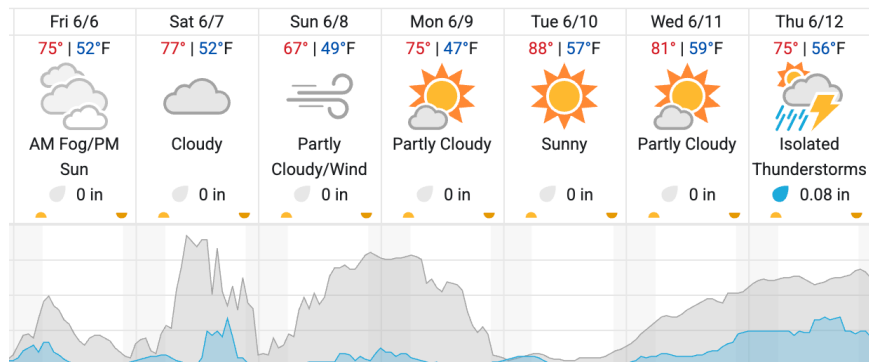
Yellow: 0% (0/54)

Red: 0% (0/54)

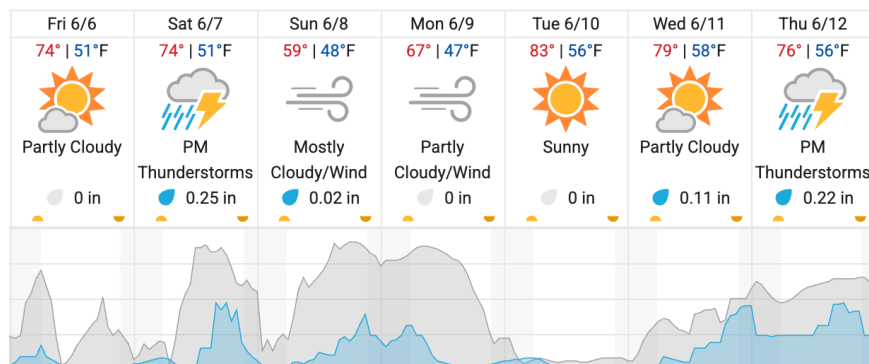
\* Flown within 35deg solar angle

## Weather Forecast

Bismarck, ND (NOGP)



## Jamestown, ND (WOOD)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

## Flight Collection Plan for June 06, 2025

Flyority 1

Northern Great Plains (NOGP)

Flight Plan Name: D09\_NOGP\_R2\_P1\_v3\_VQ780

On-Station Time: (35 degrees): 1440 UTC / 0940 L

Flyority 2

Collection Area: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)

Flight Plan Name: D09\_WOOD\_DCFS\_C1\_P1\_v5\_VQ780

On-Station Time: (35 degrees): 1430 UTC / 0930 L

**Crew:** John (lidar), Alyssa (NIS)